

Amendments to the Claims

1-19. (Cancelled)

20. (Currently amended) An isolated gene which codes for a polypeptide having an antigenicity which is ~~substantially~~ the same as that of the stem region of hemagglutinin molecule of human influenza A virus, wherein said gene encodes the amino acid sequence of SEQ ID No. 46.

21. (Previously presented) The isolated gene as claimed in claim 20, wherein said gene has the DNA sequence of SEQ ID No. 46.

22. (Currently amended) An isolated gene which codes for a polypeptide having an antigenicity which is ~~substantially~~ the same as that of the stem region of hemagglutinin molecule of human influenza A virus and lacking a globular head region of hemagglutinin molecule of human influenza A virus, wherein said gene encodes the amino acid sequence of SEQ ID No. 50 or the amino acid sequence of SEQ ID No. 58.

23. (Previously presented) The isolated gene as claimed in claim 22, wherein said gene is selected from a gene having the DNA sequence of SEQ ID No. 49 and a gene having the DNA sequence of SEQ ID No. 57.

24-30. (Cancelled)